

10/555/48

JC20 Rec'd PCT/PTO 20 MAY 2005

Practitioner's Docket No. 700355-052696

PATENT

## IN THE UNITED STATES RECEIVING OFFICE

International Application Number	International Filing Date	International Earliest Priority Date
PCT/US2003/038186	25 November 2003 25.11.03	25 November 2002 25.11.02

TITLE OF INVENTION: ELECTRO-OPTICAL NUCLEIC ACID-BASED SENSOR  
ARRAY AND METHOD FOR DETECTING ANALYTES

APPLICANT FOR DO/US: TUFTS UNIVERSITY

INVENTORS FOR DO/US: WHITE, Joel E. and KAUER, John S.

U.S. SERIAL NO.: TO BE ASSIGNED

## CERTIFICATE OF MAILING

I hereby certify that this correspondence, on the date shown below, is being deposited with the United States Postal Service with sufficient postage as Express Mail Label No. EV 653000785 US in an envelope addressed to MAIL STOP PCT, Commissioner of Patents, Box 1450, Alexandria, VA 22313-1450.

Date: 5/26/03Nicole M. Aguirre

**MAIL STOP PCT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Sir:

## INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified 371 National Entry patent application.

International Application Number	International Filing Date	International Earliest Priority Date
PCT/US2003/0038186	25 November 2003 25.11.03	25 November 2002 25.11.02

U.S. SERIAL NO.: 10/511,009

**REMARKS**

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

- (1) within three (3) months of the Filing Date or **before the mailing date of the First Office Action** on the merits; or
- (2) within three months of the mailing date of the European Search Report; or
- (3) after the period defined in (1) but before the mailing date of a **Final Rejection or Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p), namely **\$180.00**, is included herein; or
- (4) after the mailing date of a **Final Rejection or Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

- are enclosed herewith;
- a copy of the corresponding International Search Report from the parent application is enclosed herewith;
- have been cited in the parent application, and are thus not being resubmitted herein.

Early examination and allowance of the present application are respectfully solicited.

Respectfully submitted,

Date: 5/20/05



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JC20 Rec'd PCT/PTO 20 MAY 2005  
PTO/SB/08A/B 08  
for use through 07/31/2006. OMB 0651-04  
U.S. GOVERNMENT PRINTING OFFICE: 2005 50-130-000

PTO/SB/08A/B 08-03

100-23232-100-100

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Substitute for form 1449 PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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Complete if Known	
Application Number	To be assigned (371 Entry of PCT/US2003/018159) <b>107552748</b>
Filing Date	25 November 2003
First Named Inventor	Joel E. White et al.
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	700355-052696

U.S. PATENT DOCUMENTS

**FOREIGN PATENT DOCUMENTS**

ON-PATENT LITERATURE DOCUMENTS

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Database Caplus on STN.DN 134:175042. STOJANOVIC et al. "Fluorescent Sensors Based on Aptamer Self-Assembly". Journal of the American Chemical Society, 2000, Vol. 122, No. 46, pp. 11547-11548.
		T <sup>2</sup>

Examiner Signature		Date Considered	
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(Signature) in compliance with MPEP 609. Draw line through citation if not in  
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04.  
Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of  
the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on  
the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.